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#5
X-11368A.ST25.txt
SEQUENCE LISTING

<110> Hoffmann, James

<120> GLP-1 FORMULATIONS

<130> X-11368A

<140> US 10/072,540

<141> 2002-02-08

<150> US 60/067,600

<151> 1997-12-05

<160> 5

<170> PatentIn version 3.1

<210> 1

<211> 31

<212> PRT

<213> Homo sapiens

<400> 1

His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

X-11368A.ST25.txt

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
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<213> Artificial Sequence

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<223> synthetic construct

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<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa at position 1 is Ala, Gly, Val, Thr, and Ile;

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<222> (14)..(14)

<223> Xaa at position 14 is Glu, Gln, Ala, Thr, Ser, and Gly;

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<221> MISC_FEATURE

<222> (20)..(20)

<223> Xaa at position 20 is Glu, Gln, Ala, Thr, Ser, and Gly;

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<221> MISC_FEATURE

<222> (30)..(30)

<223> Xaa at position 30 is Gly or absent.

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Xaa	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Xaa	Gly	Gln
1				5				10						15	

Ala	Ala	Lys	Xaa	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg	Xaa
		20					25						30

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<222> (19)..(19)

<223> Xaa at position 19 is Lys or Arg;

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<221> MISC_FEATURE

<222> (27)..(27)

<223> Lys at position 27 may be acylated;

X-11368A.ST25.txt

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<222> (30)..(30)

<223> Xaa at position 30 is Gly or absent.

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Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly	Gln
1				5					10					15	

Ala	Ala	Xaa	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg	Xaa
			20					25					30

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<222> (30)..(30)

<223> AMIDATION

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His	Ala	Glu	Gly	Thr	Phe	Thr	Ser	Asp	Val	Ser	Ser	Tyr	Leu	Glu	Gly
1				5					10					15	

Gln	Ala	Ala	Lys	Glu	Phe	Ile	Ala	Trp	Leu	Val	Lys	Gly	Arg
			20					25					30

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His Val Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1 5 10 15

Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
20 25 30